

File 347:JAPIO Oct 1976-2003/Jan(Updated 030506)  
 (c) 2003 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2003/UD,UM &UP=200331  
 (c) 2003 Thomson Derwent

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Set	Items	Description
S1	385332	TICKET? ? OR ENVELOPE? ? OR PACKAGE? ? OR MESSAGE? ? OR (E OR ELECTRONIC OR COMPUTER? OR INTERNET OR ONLINE OR ON()LINE)- ( )MAIL??? OR EMAIL???
S2	12863	SENDER? ? OR ADDRESSER? ? OR (SENDING OR ADDRESSING) ( ) (PAR- TY OR PARTIES OR ENTITY OR ENTITIES OR PERSON? ? OR INDIVIDUA- L? ? OR USER? ? OR CLIENT? ?)
S3	324941	RECIPIENT? ? OR RECEIVER? ? OR ADDRESSEE? ? OR RECEIVING ( ) - (PARTY OR PARTIES OR ENTITY OR ENTITIES OR PERSON? ? OR INDIV- IDUAL? ? OR USER? ? OR CLIENT? ?)
S4	1147763	IDENTITY OR IDENTITIES OR ID OR IDENTIFICATION OR IDENTIFY- ING ( ) (DATA OR INFORMATION) OR ADDRESS?? OR NAME? ? OR PERSON? ? OR INDIVIDUAL? ? OR USER? ? OR ENTITY OR ENTITIES OR PARTY - OR PARTIES
S5	440960	ANONYM? OR PSEUDONYM? ? OR ALIAS?? OR MASK??? OR HIDDEN OR HID??? OR PRIVAT??? OR SECRET? OR CONFIDENTIAL? OR RESTRICT? - OR UNDISCLOS? OR CONCEAL? OR OBSCUR? OR OBFUSCAT? OR DISGUIS? OR UNREVEAL? OR PRIVILEGED
S6	10842	("NOT" OR T OR WITHOUT OR UN) (2W) (DISCLOS? OR REVEAL? OR I- DENTIF???? OR DIVULG? OR RELEAS?)
S7	176	S2(5N)S5:S6
S8	1213	S3(5N)S5:S6
S9	56	S7 AND S8
S10	32	S1 AND S9
S11	24	S9 NOT S10
S12	10395	S4(5N)S5:S6
S13	1200	S1 AND S12
S14	498	S13 AND IC=G06F
S15	20	S2 AND S3 AND S14
S16	30	S12 AND S2 AND S3 AND IC=G06F
S17	24	S15:S16 NOT S9
S18	88	S14 AND S2:S3
S19	68	S18 NOT (S9 OR S17)

10/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06101350 \*\*Image available\*\*  
DELIVERY SLIP

PUB. NO.: 11-042871 [JP 11042871 A]  
PUBLISHED: February 16, 1999 (19990216)  
INVENTOR(s): YONEYAMA TOSHINOBU  
IIDA YUTAKA  
APPLICANT(s): YONEYAMA KK  
I K KK  
APPL. NO.: 09-201090 [JP 97201090]  
FILED: July 28, 1997 (19970728)  
INTL CLASS: B42D-011/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a delivery slip which is simply manufactured and contains the details of a **message** to an addressee from a sender, of a **package**, to be kept **confidential** and accessible with the **addressee** upon the arrival of the **package**, when the **package** is dispatched by postal parcel, special home delivery services, railway transport and any other forwarding means.

SOLUTION: This delivery slip 10 comprises a delivery service slip part 2 on which delivery service information is printed and a **message** part 4 on which a confidentially handled **message** details addressed to a destination by a sender is printed, in a continuously integrated form. Especially the slip 10 is printed by a computer for **package** dispatch, and can be attached to a **package** to be sent by special home delivery services or through railway transport, and contains delivery service information which is positively available with a professional **package** forwarder. In addition, the details of the **message** from the **sender** of the **package** are kept **confidential** and are accessible with the **addressee** upon the arrival of the **package**. Thus it is possible to dispense with a work to form an attachment sheet into a bag shape and at the same time, prepare a letter containing a **message** separately to be sealed into the bag. Consequently, the efficiency of the dispatch work is increased and the effects to prevent a trouble with the failure to send the **message** from occurring are ensured.

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10/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05992019 \*\*Image available\*\*  
ELECTRONIC MAIL SYSTEM

PUB. NO.: 10-275119 [JP 10275119 A]  
PUBLISHED: October 13, 1998 (19981013)  
INVENTOR(s): INAGAKI TAKAHISA  
APPLICANT(s): HITACHI SOFTWARE ENG CO LTD [472485] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 09-078710 [JP 9778710]  
FILED: March 31, 1997 (19970331)  
INTL CLASS: [6] G06F-013/00; H04L-012/54; H04L-012/58  
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3

(COMMUNICATION -- Telegraphy)

ABSTRACT

PROBLEM TO BE SOLVED: To maintain the **anonymity** of a **sender** and the security of a receiver by sending a mail back together with information regarding the sender if the information on the sender attached to the mail does not match anonym information and sending the information regarding the **sender** **anonymously** to the mail **receiver** side in case of matching.

SOLUTION: A network A where work stations 1 to 3 and a mail server 4 are connected to a communication line 7 and a network B where a work station 5 and a mail server 6 are connected to a communication line 9 are connected by a public line 8, to which a proxy mail server 10 is connected through a communication line 11. A **receiver** registers reception conditions of an **anonymous** mail to the proxy server 10, compares a mail that the proxy mail server 10 receives with the reception conditions of an anonymous mail, and sends the mail back to its sender when the conditions are not met or sends information regarding the **sender** (name, mail address, etc.) **anonymously** to the **receiver** when the conditions are met.

10/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05812084 \*\*Image available\*\*  
DOUBLE POSTAL CARD

PUB. NO.: 10-095184 [JP 10095184 A]  
PUBLISHED: April 14, 1998 (19980414)  
INVENTOR(s): HAYASHI ETSUJI  
APPLICANT(s): DAINIPPON PRINTING CO LTD [000289] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-271395 [JP 96271395]  
FILED: September 20, 1996 (19960920)  
INTL CLASS: [6] B42D-015/02  
JAPIO CLASS: 30.1 (MISCELLANEOUS GOODS -- Office Supplies); 14.2 (ORGANIC CHEMISTRY -- High Polymer Molecular Compounds)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a double postal card which enables information whose content secrecy needs to be protected against to be sent as **confidential** information to an **addressee** from an addresser, and information covering secrecy to be sent back as **confidential** information to the **addresser** from the addressee, in view of the fact that such **confidential** information is sent to the **addressee** by the addresser using an **envelope** through postal services with disadvantages such as complicity, mismatching and high cost.

SOLUTION: This double postal card consists of a **message** form for an addressee by an addresser and a **message** form for the addresser by the addressee across a folding line, and further, has a paper piece (A) connected to the free long side end of the **message** form for the addressee and a paper piece (B) connected to the free long side end of the **message** form for the addresser, across the folding line respectively. In addition, the opposite faces to the postage stamp faces of both **message** form for the addresser and **message** form for the addressee and the opposite faces of the paper piece (A) and the paper piece (B) are bonded respectively in such a manner that these bonded faces are peelable.

10/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05338383 \*\*Image available\*\*  
ELECTRONIC MAIL DEVICE

PUB. NO.: 08-293883 [JP 8293883 A]  
PUBLISHED: November 05, 1996 (19961105)  
INVENTOR(s): IIDA YASUHIRO  
APPLICANT(s): NEC HOME ELECTRON LTD [000193] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 07-099258 [JP 9599258]  
FILED: April 25, 1995 (19950425)  
INTL CLASS: [6] H04L-012/54; H04L-012/58  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy)

ABSTRACT

PURPOSE: To provide an **electronic mail** device capable of transmitting a mail by anonymity.

CONSTITUTION: When a sender generates the mail by a call originating input means 21G so as to transmit it by anonymity at this time, an anonymous flag is inputted to it so as to be converted into a transmission packet by a call originating packet means 21F and to be transmitted to the applying destination directory of a box 12 by a transmitting means 21E, a receiver obtains the reception packet by a receiving means 22A and the **sender** of '**anonymity**' is displayed on a reception display screen by a display means 22B after that. In the meantime, when the **receiver** executes return as against the **anonymous** mail, The **sender** '**anonymity**' on the reception display screen is copied on the destination of a return input screen by a return input means 22C, data in the sender area of the reception packet is copied on the destination area of the return packet by a return packet means 22D after that, return is executed to the above applying destination directory by a transmission processing and return is also executed as against the anonymous mail.

10/5/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02502465 \*\*Image available\*\*  
DATA COMMUNICATION EQUIPMENT

PUB. NO.: 63-119365 [JP 63119365 A]  
PUBLISHED: May 24, 1988 (19880524)  
INVENTOR(s): TOYAMA TAKESHI  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 61-265003 [JP 86265003]  
FILED: November 06, 1986 (19861106)  
INTL CLASS: [4] H04N-001/00  
JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile)  
JOURNAL: Section: E, Section No. 664, Vol. 12, No. 367, Pg. 124, September 30, 1988 (19880930)

ABSTRACT

PURPOSE: To easily confirm the reception of opposite data without any telephone communication by a data sender by sending a receipt **message** to

the sender automatically when the recipient receives the data stored in a memory through the reception of confidentiality.

CONSTITUTION: In applying operation to output a confidentiality picture data stored in a memory 3 by a key of a key input device 8, a CPU 7 prints out the picture data of the memory 3 by a printer 11 when the number of key input is coincident with a pass word stored in a memory 5 in advance. Then an abbreviation of a **confidential** picture **recipient** and a routine text from the memory 4 and a date and a time data from a clock device 6 are read out and an image data generating device 9 generates an image data. An opposite telephone number is read from the memory 1, a transmission section 10 makes a dial and the generated image data is sent as a receipt of the **confidential** picture. Thus, the **confidential** picture **sender** confirms the reception of the picture by the opposite party automatically.

10/5/6 (Item 1 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
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015213414 \*\*Image available\*\*  
 WPI Acc No: 2003-273951/200327  
 XRPX Acc No: N03-217324

**Automatic mail box and procedure for transmission of correspondence  
 (variants)**

Patent Assignee: KHALIDOV G YU (KHAL-I); KHALIDOV U G (KHAL-I)  
 Inventor: KHALIDOV G YU; KHALIDOV U G  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2195079	C1	20021220	RU 2001111082	A	20010425	200327 B

Priority Applications (No Type Date): RU 2001111082 A 20010425  
 Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RU 2195079	C1		H04L-012/28	

Abstract (Basic): RU 2195079 C1

NOVELTY - Invention is related to mailing services, specifically, to delivery of mail to addressee with use of potential of existing post offices and telecommunication networks. While sending correspondence remote user-addresser sends it in electronic form. It comes to mail server which identifies address of addressee and transmits traffic to proper automatic mail box for traffic reception where electron traffic is automatically converted to paper form and is sealed in **envelope** with address of addressee. If automatic mail box is located in post office of settlement then sealed **envelope** is received by postman who delivers **envelope** to address specified on it.

USE - Computer engineering.

ADVANTAGE - Reduced time of delivery of mail from **addresser** to **addressee** with preservation of **confidentiality** of mail. 5 cl, 6 dwg  
 pp; 0 DwgNo 1/1

Title Terms: AUTOMATIC; MAIL; BOX; PROCEDURE; TRANSMISSION; CORRESPOND;  
 VARIANT

Derwent Class: P43; T01  
 International Patent Class (Main): H04L-012/28  
 International Patent Class (Additional): B07C-003/12; G06F-017/60  
 File Segment: EPI; EngPI

10/5/10 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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014844849 \*\*Image available\*\*

WPI Acc No: 2002-665555/200271

XRPX Acc No: N02-526531

Electronic mail control and organizing method in computer data  
communication network involves sending alias e-mail address of  
sender generated by alias e-mail server to recipient

Patent Assignee: LEVOSKY M P (LEVO-I)  
Inventor: LEVOSKY M P

Number of Countries: 098 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020087641	A1	20020704	US 2000751989	A	20001229	200271 B
WO 200254268	A1	20020711	WO 2001US48705	A	20011214	200271

Priority Applications (No Type Date): US 2000751989 A 20001229

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020087641	A1		17	G06F-015/16	
WO 200254268	A1	E		G06F-015/16	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

Abstract (Basic): US 20020087641 A1

NOVELTY - A sender's physical **electronic mail** (e-mail) address and identification information are input to a client control program. An alias **e-mail** address generated by an alias **e-mail** server (100) is received by the client program and transmitted to a recipient. A **message** received from the **recipient** by the server to the **alias** address, is forwarded to the client program together with the identification information.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for **e-mail** control and organize system in computer data communication network.

USE - For use in computer data communication networks such as Internet.

ADVANTAGE - Unsolicited **e-mail** messages are greatly prevented by not revealing true **e-mail** address of **e-mail** sender but rather by using a series of alias addresses.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **e-mail** system.

Alias **e-mail** server (100)

pp; 17 DwgNo 2/9

Title Terms: ELECTRONIC; MAIL; CONTROL; ORGANISE; METHOD; COMPUTER; DATA; COMMUNICATE; NETWORK; SEND; MAIL; ADDRESS; SEND; GENERATE; MAIL; SERVE; RECIPIENT

Derwent Class: T01

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): G06F-015/173

File Segment: EPI

10/5/11 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX

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014779473 \*\*Image available\*\*

WPI Acc No: 2002-600179/200264

XRPX Acc No: N02-475767

Secure message transmission method includes authenticating user with password check and user of sender and recipient private key codes

Patent Assignee: SAFELOGIC SARL (SAFE-N); SAFELOGIC (SAFE-N)

Inventor: DE POMEREU N

Number of Countries: 100 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200267535	A2	20020829	WO 2002FR654	A	20020221	200264 B
FR 2821220	A1	20020823	FR 20012351	A	20010221	200267

Priority Applications (No Type Date): FR 20012351 A 20010221

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200267535 A2 F 13 H04L-029/06

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

FR 2821220 A1 H04L-009/28

Abstract (Basic): WO 200267535 A2

NOVELTY - The secure messaging method comprises a step to validate the user's authenticity by comparing a pass phrase value sent by the user with that stored in a database. The **message** prepared on the client station is subsequently enciphered and/or signed with the **message recipient's private** keys and/or the user's private key respectively.

DETAILED DESCRIPTION - The secure messaging method comprises a step to authenticate the user and to validate the user's authenticity by comparing the value derived from a pass phrase sent by the user with that stored in a database, together with the identifier of the user. The key pair is sent to the user station by the server and the **message** prepared on the client station is subsequently enciphered and/or signed with the **message recipient's private** keys and/or the user's private key respectively. The **message** transmission is performed through the establishment of virtual channels (VPN) for the enciphering and/or signing. The **message** is compressed and transmitted by means of streaming without being temporarily stored in the memory of the client station, the server or a peripheral station.

USE - Secure **message** transmission.

ADVANTAGE - Ensures confidentiality and integrity of **message** transmission.

DESCRIPTION OF DRAWING(S) - The diagram shows the architecture of the **message** transmission system.

pp; 13 DwgNo 1/2

Title Terms: SECURE; **MESSAGE**; TRANSMISSION; METHOD; AUTHENTICITY; USER; PASSWORD; CHECK; USER; SEND; RECIPIENT; PRIVATE; KEY; CODE

Derwent Class: T01; W01

International Patent Class (Main): H04L-009/28; H04L-029/06

File Segment: EPI

10/5/13 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014528266 \*\*Image available\*\*

WPI Acc No: 2002-348969/200238

**Method for matching couple using e - mail not exposing sender**

Patent Assignee: JUNE Y (JUNE-I)

Inventor: SHIN U T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001065552	A	20010711	KR 9965459	A	19991229	200238 B

Priority Applications (No Type Date): KR 9965459 A 19991229

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001065552	A		1 H04L-012/54	

Abstract (Basic): KR 2001065552 A

NOVELTY - A method for matching a couple using an **E - mail** not exposing a sender is provided to couple man and woman using an **E - mail hiding a sender**.

DETAILED DESCRIPTION - A sender transmits an **E - mail** A, not exposing his name, to a **recipient anonymously** using a site of Dearthmylove. The recipient, receiving the **E - mail** A, estimates the sender of the **E - mail** A and replies a letter. In this case, the recipient has to register in the site Dearthmylove before he can send an **E - mail** B to the sender. In case that the recipient hits the right sender by chance, the two people are matched. If the two people are not matched, the recipient of the **E - mail** B estimates the sender of the **E - mail** B in the same manner and sends an **E - mail** C to the site Dearthmylove anonymously.

pp; 1 DwgNo 1/10

Title Terms: METHOD; MATCH; COUPLE; MAIL; EXPOSE; SEND

Derwent Class: W01

International Patent Class (Main): H04L-012/54

File Segment: EPI

10/5/14 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014423361 \*\*Image available\*\*

WPI Acc No: 2002-244064/200230

XRFX Acc No: N02-188890

**Communication arrangement operation method involves comparing user profiles with target profile specified by message sender to selectively output messages to desired users**

Patent Assignee: LINKADOO COMMUNICATIONS LTD (LINK-N); FRIENDSPACE INC (FRIE-N)

Inventor: LEHMANN A; MAYRAZ G

Number of Countries: 095 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2361335	A	20011017	GB 20009339	A	20000414	200230 B
AU 200146734	A	20011030	AU 200146734	A	20010412	200230
WO 200180505	A1	20011025	WO 2001GB1672	A	20010412	200230
GB 2361335	B	20030507	GB 20009339	A	20000414	200331



Priority Applications (No Type Date): GB 20009339 A 20000414

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2361335	A		113	G06F-017/60	
AU 200146734	A			H04L-012/58	Based on patent WO 200180505
WO 200180505	A1	E		H04L-012/58	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS  
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW  
GB 2361335 B G06F-017/60

Abstract (Basic): GB 2361335 A

NOVELTY - **Message** senders transmit target user profile along with **message** content to server, to selectively send the **messages** to desired users having profile matching with the target profile. The server compares the target profile with all user profiles based on which the **message** content is allocated to the matching users.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) **Message** allocation method;
  - (b) **Message** sending or reception method;
  - (c) Communication arrangement;
  - (d) Server apparatus;
  - (e) User apparatus;
  - (f) Storage medium for storing instructions for controlling processors;
  - (g) A signal carrying instructions for controlling processors
- USE - For allocating and distributing **messages** to specific users of data network such as Internet.

ADVANTAGE - The need to store a separate copy of the same **message** for each recipient is eliminated by allocating the same **message** simultaneously to a number of recipients. The **message** recipient can determine useful information about the **message sender**, without compromising privacy or **anonymity** of **message sender** or **recipient**.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic illustration of a data storage arrangement of a communication network.  
pp; 113 DwgNo 4/22

Title Terms: COMMUNICATE; ARRANGE; OPERATE; METHOD; COMPARE; USER; PROFILE; TARGET; PROFILE; SPECIFIED; **MESSAGE**; SEND; SELECT; OUTPUT; **MESSAGE**; USER

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60; H04L-012/58

International Patent Class (Additional): G06F-017/30; H04L-012/18

File Segment: EPI

10/5/16 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014238771 \*\*Image available\*\*  
WPI Acc No: 2002-059469/200208

XRPX Acc No: N02-044078

Electronic - mail **server** in internet, matches temporary mail addresses of sender and receiver to generate anonymous correspondence pair

Patent Assignee: SAIBADO KK (SAIB-N)  
Number of Countries: 001 Number of Patents: 001

Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
JP 2001306455 A 20011102 JP 2000119810 A 20000420 200208 B

Priority Applications (No Type Date): JP 2000119810 A 20000420

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001306455 A 8 G06F-013/00

Abstract (Basic): JP 2001306455 A

NOVELTY - The server stores the generated temporary mail addresses matched with the original mail addresses. The temporary mail addresses of sender and **receiver** are matched to form an **anonymous** correspondence pair with respect to an effective term data for the pair while sending an **e - mail**. The anonymous correspondence pair of **e - mail** addresses are erased, based on the effectiveness term data.

USE - For **electronic - mail** exchange in internet for providing services such as chat and electronic bulletin board service using temporary mail addresses.

ADVANTAGE - Since temporary mail addresses are used, communication security is increased.

DESCRIPTION OF DRAWING(S) - The figure shows the **e - mail** transmission process, schematically. (Drawing includes non-English language text).

pp; 8 DwgNo 3/3

Title Terms: ELECTRONIC; MAIL; SERVE; MATCH; TEMPORARY; MAIL; ADDRESS; SEND  
; RECEIVE; GENERATE; CORRESPOND; PAIR

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): H04L-012/54; H04L-012/58

File Segment: EPI

10/5/18 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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013844057 \*\*Image available\*\*

WPI Acc No: 2001-328270/200134

XRPX Acc No: N01-236210

Secured message transfer system has anonymous profile handler to process profile information of recipients, output by sender to determine recipients and encrypt decryption key of message using recipient key

Patent Assignee: BMN TECHNOLOGY (BMNT-N); NAHIR A (NAHI-I)

Inventor: NAHIR A

Number of Countries: 094 Number of Patents: 002

Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
WO 200124434 A1 20010405 WO 2000IL526 A 20000904 200134 B  
AU 200068621 A 20010430 AU 200068621 A 20000904 200142

Priority Applications (No Type Date): IL 132147 A 19990930

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
WO 200124434 A1 E 30 H04L-009/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT

RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW  
AU 200068621 A H04L-009/00 Based on patent WO 200124434

Abstract (Basic): WO 200124434 A1

NOVELTY - **Anonymous** profile handler (150) estimates **recipient** list based on profile information output by sender defining recipient characteristics. Recipient handler (160) receives list and encrypt decryption key of **message** by recipient key. Integrator (170) receives encrypted **message** from encrypt or, decryption key and sends encrypted **message** with associated decryption key to concerned recipient.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for anonymous **message** transmission method.

USE - For **message** transfer in network, maintaining **anonymity** of **message** **recipient** to **message** sender.

ADVANTAGE - Anonymous profile handler ensures that all communication between various elements are secured and authenticated, to prevent an attack on the integrity of the system by eavesdroppers, impersonators.

DESCRIPTION OF DRAWING(S) - The figure shows the simplified block diagram of **message** providing system comprising anonymous profile handler.

Encrypt or (140)  
Anonymous profile handler (150)  
Recipient handler (160)  
Integrator (170)  
pp; 30 DwgNo 1/6

Title Terms: SECURE; **MESSAGE** ; TRANSFER; SYSTEM; PROFILE; HANDLE; PROCESS; PROFILE; INFORMATION; RECIPIENT; OUTPUT; SEND; DETERMINE; RECIPIENT; DECRYPTER; KEY; **MESSAGE** ; RECIPIENT; KEY

Derwent Class: W01

International Patent Class (Main): H04L-009/00

International Patent Class (Additional): H04L-009/32

File Segment: EPI

10/5/19 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013638436 \*\*Image available\*\*

WPI Acc No: 2001-122644/200113

XRPX Acc No: N01-090089

**Communicating method between multiple processes in telecommunication networks, involves communicating between processes via intelligent agent process so that intended senders and receiver are hidden from each other**

Patent Assignee: TYCO SUBMARINE SYSTEMS LTD (TYCO-N)  
Inventor: BODNER E; LISS J; RIZZO G; SEDLAK R; WILKE D  
Number of Countries: 021 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200062158	A2	20001019	WO 2000US10183	A	20000414	200113 B

Priority Applications (No Type Date): US 99291333 A 19990414

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200062158	A2	E	36	G06F-009/00	

Designated States (National): CA IL JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE

Abstract (Basic): WO 200062158 A2

NOVELTY - Communication between multiple processes is established through an intelligent agent process such that intended **senders** and **receivers** are **hidden** from each other. The details of each process is stored in a storage accessible by the intelligent agent process and the details of one process are accessed when another process desires to communicate with it.

DETAILED DESCRIPTION - A particular process when becomes on line, the registration information of that process, is sent to the intelligent agent process and their details stored in the storage are dynamically updated. The registration information has a service registration for indicating the agent that the process is a server for a particular request. The registration information also includes a notification registration for sending notified **message** to particular process, or a process registration for indicating a particular process exists. The process registration includes information regarding socket number, host name and indirect addressing pattern. INDEPENDENT CLAIMS are also included for the following:

- (a) method for communicating between a client and a server in a network environment;
- (b) apparatus for controlling communication in a network environment

USE - For communication between multiple processes in telecommunication network such as undersea telecommunication networks.

ADVANTAGE - Since the intelligent agent process acts as a intermediary between a requesting process and all other processes, it provides all necessary communication information and enables the requesting process to receive service on its request in fast time as possible, without requiring the state of the other processes and their communication details.

DESCRIPTION OF DRAWING(S) - The figure shows the portfolio of services available to a user to administer and manage an undersea cable network.

pp; 36 DwgNo 9/9

Title Terms: COMMUNICATE; METHOD; MULTIPLE; PROCESS; TELECOMMUNICATION; NETWORK; COMMUNICATE; PROCESS; INTELLIGENCE; AGENT; PROCESS; SO; INTENDED; SEND; RECEIVE; HIDE

Derwent Class: T01

International Patent Class (Main): G06F-009/00

File Segment: EPI

10/5/20 (Item 15 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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013422180 \*\*Image available\*\*

WPI Acc No: 2000-594120/200056

XRPX Acc No: N00-440046

**Withholding method for telecommunication messaging system has anonymity indicator which withhold the identity of the sender when the message is made available to or retrieved by the recipient**

Patent Assignee: BELL SOUTH INTELLECTUAL PROPERTY CORP (BELL-N); BEDINGFIELD J C (BEDI-I); BRAUDES R E (BRAU-I); CANDELL E A (CAND-I); CHUNG J C (CHUN-I); MCLAUGHLIN A V (MCLA-I); PATEL N (PATE-I)

Inventor: BEDINGFIELD J C; BRAUDES R E; CANDELL E A; CHUNG J C; MCLAUGHLIN A V; PATEL N

Number of Countries: 090 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200051323	A1	20000831	WO 99US28246	A	19991130	200056 B
AU 200023502	A	20000914	AU 200023502	A	19991130	200063
US 20020110227	A1	20020815	US 99121922	A	19990226	200256
			US 99450603	A	19991130	
			US 2001964203	A	20010925	

Priority Applications (No Type Date): US 99121922 P 19990226; US 99450603 A 19991130; US 2001964203 A 20010925

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200051323	A1	E	33	H04M-003/533	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
AU 200023502	A			H04M-003/533	Based on patent WO 200051323
US 20020110227	A1			H04M-001/64	Provisional application US 99121922

Cont of application US 99450603

Abstract (Basic): WO 200051323 A1

NOVELTY - **Message** is received for the recipient including the identify of **sender** and an **anonymity** indictor which withhold the identity of the sender when the **message** is made available to or retrieved by the recipient. Despite the withholding of the identity of the sender, the recipient may reply to the **message** of **message** including an anonymity indicator may be rejected instead of routed to the recipient. Identity may be the name or **e-mail** address of the sender. **Messages** may be reply to previous **messages** or forwarding **messages**.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a system which send the **recipient** a **message** from the **sender** without the **message** revealing an identity of the **sender** when **message** is retrieved.

USE - Withholding the identity of sender when **message** is sent to recipient in telecommunication messaging system.

ADVANTAGE - Recipient may reply to a **message** that has been provided to the recipient even though the identity of the sender has not been provided.

DESCRIPTION OF DRAWING(S) - Drawing shows a block diagram of telecommunication messaging network.

pp; 33 DwgNo 1/2

Title Terms: METHOD; TELECOMMUNICATION; MESSAGING; SYSTEM; IDENTIFY; SEND; **MESSAGE**; MADE; AVAILABLE; RETRIEVAL; RECIPIENT

Derwent Class: T01; W01

International Patent Class (Main): H04M-001/64; H04M-003/533

International Patent Class (Additional): H04L-012/58

File Segment: EPI

10/5/22 (Item 17 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012263939 \*\*Image available\*\*

WPI Acc No: 1999-070045/199906

XRPX Acc No: N99-051339

Bi-directional wireless communication system - assigns and adds additional recipient alias and associated additional recipient name to list maintained by call receiver by transmitting programming information to receiver

Patent Assignee: MOTOROLA INC (MOTI )

Inventor: CANNON G; CANNON N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5850594	A	19981215	US 96697513	A	19960826	199906 B

Priority Applications (No Type Date): US 96697513 A 19960826

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5850594	A		17	H04B-007/26	

Abstract (Basic): US 5850594 A

The system includes portable selective call **receivers** (105) for sending a **recipient alias** signal over a wireless communication channel. The call receiver maintains a list which includes **recipient** names and associated recipient **alias** and has a **sender** for requesting addition of additional recipient to the list. A controller (110) receives the **recipient alias** signal and transmits a **message** to a **recipient alias** designated address.

The controller has a database which stores the list associated with the call receiver. The controller has a processor for assigning and adding additional **recipient alias** and associated additional **recipient** name to the list maintained by the call receiver by transmitting a programming information to the receiver. The address to which the **message** is transmitted is longer than the **recipient alias**.

ADVANTAGE - Performs efficient **message** transmission. Prevents **message** delay due to overcrowding of channel. Enables user to enter **message** and address information conveniently. Increases probability of proper **message** delivery.

Dwg.1/15

Title Terms: BI; DIRECTION; WIRELESS; COMMUNICATE; SYSTEM; ASSIGN; ADD; ADD ; RECIPIENT; ASSOCIATE; ADD; RECIPIENT; NAME; LIST; MAINTAIN; CALL; RECEIVE; TRANSMIT; PROGRAM; INFORMATION; RECEIVE

Derwent Class: W01; W02; W05

International Patent Class (Main): H04B-007/26

File Segment: EPI

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11/5/1 (Item 1 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07084819 \*\*Image available\*\*  
METHOD AND SYSTEM FOR AUTHENTICATING DIGITAL CONTENTS

PUB. NO.: 2001-312467 [JP 2001312467 A]  
PUBLISHED: November 09, 2001 (20011109)  
INVENTOR(s): MORIMOTO SHINKICHI  
APPLICANT(s): MORIMOTO SHINKICHI  
APPL. NO.: 2000-131446 [JP 2000131446]  
FILED: April 28, 2000 (20000428)  
INTL CLASS: G06F-015/00; G09C-001/00; H04L-009/32

ABSTRACT  
PROBLEM TO BE SOLVED: To make authentication including user's identification and content confirmation simple and easy to use even for a user who is not familiar with a password and ciphering technology.

SOLUTION: A program 22 which can compose and transfer digital contents by using a network 10 is provided with a sender identification mark storage part 35A and a recipient identification mark storage part 35B which save the identification marks of a sender and a recipient so that they can be displayed and a sender sign storage part 38A and a recipient sign storage part 38B which store the signs of the sender and recipient while keeping them secret. The recipient confirms the sender with the identification mark and does predetermined operation when the program 22 is transferred from the sender to the recipient and then the program 22 displays the sign of the sender. The sender confirms the recipient with the identification mark and does predetermined operation when the program 22 is transferred from the recipient to the sender, and then the program 22 displays the sign of the recipient.

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11/5/2 (Item 2 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06089611 \*\*Image available\*\*  
DOCUMENT DELIVERY SYSTEM

PUB. NO.: 11-031127 [JP 11031127 A]  
PUBLISHED: February 02, 1999 (19990202)  
INVENTOR(s): SMITH JEFFREY C  
BANDINI JEAN-CHRISTOPHE  
APPLICANT(s): TUMBLEWEED SOFTWARE CORP  
APPL. NO.: 10-126576 [JP 98126576]  
FILED: April 01, 1998 (19980401)  
PRIORITY: 829976 [US 829976], US (United States of America), April 01, 1997 (19970401)  
832784 [US 832784], US (United States of America), April 04, 1997 (19970404)  
INTL CLASS: G06F-015/00; G06F-015/00; G06F-013/00; G09C-001/00;  
G09C-001/00

ABSTRACT  
PROBLEM TO BE SOLVED: To provide a method and a system which safely send a document to a communication network such as the internet.

SOLUTION: A document sending architecture dynamically generates a private uniform resource locator (URL) (PURL) 302 to distribute information. Each PURL 302 confirms a parameter of free selection which is peculiar to a receiver 320 of a document 310, a sending document 310 and a sending process on its own terms. The receiver 320 retrieves the document 310 with the PURL 302. A sender 300 commands a sending server 315 to retrieve the public key of the receiver 320. The server 315 dynamically collates an insurance source and retrieves the public key. The public key is sent from the server 315 to the sender 300. The **sender** 300 enciphers a **secret** key with the public key after enciphering the document 310 with the secret key. The document 310 and secret key which are enciphered are uploaded to the server 315 and sent to the receiver 320. The **receiver** 320 decodes the **secret** key with a decoding key that is related to the public key and decodes the document 310 with the secret key.

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11/5/5 (Item 5 from file: 347)  
 DIALOG(R)File 347:JAPIO  
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05898155 \*\*Image available\*\*  
 POSTCARD

PUB. NO.: 10-181255 [JP 10181255 A]  
 PUBLISHED: July 07, 1998 (19980707)  
 INVENTOR(s): ONO SHINICHI  
 OKUDA KATSUMI  
 APPLICANT(s): OSAKA SEALING INSATSU KK [350463] (A Japanese Company or Corporation), JP (Japan)  
 APPL. NO.: 08-356988 [JP 96356988]  
 FILED: December 25, 1996 (19961225)  
 INTL CLASS: [6] B42D-015/02  
 JAPIO CLASS: 30.1 (MISCELLANEOUS GOODS -- Office Supplies)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a postcard in which after a regular addressee accepts the postcard, not only the addressee comparatively simply see the contents, but also the **addressee** writes **secret** matters and sends the postcard to a sender and even in this case, the recording column of the secret matters is **hid** during mailing and after the **sender** accepts the postcard, the contents are seen comparatively easily.

SOLUTION: The postcard 10 contains a first base material 12, a second base material 16 formed through the pressurized adhesive layers 14a, 14b on the surface side of the first base material and a third base material 30 formed through a release agent layer 18 and a pressure-sensitive adhesive layer 20 on the surface side of the second base material 16. In this postcard 10, an addressee peels the first base material 12 in the pressurized adhesive layers 14a, 14b and thereafter separates the second base material 16 and the release agent layer 18. The first base material 12 and the third base material 30 are bonded by the pressure-sensitive adhesive layer 20

11/5/13 (Item 13 from file: 347)  
 DIALOG(R)File 347:JAPIO  
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03224439 \*\*Image available\*\*  
 SYSTEM FOR VERIFYING OPPOSITE PARTY



PUB. NO.: 02-199939 [JP 2199939 A]  
PUBLISHED: August 08, 1990 (19900808)  
INVENTOR(s): SONEDAKA NORIYOSHI  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 01-018908 [JP 8918908]  
FILED: January 28, 1989 (19890128)  
INTL CLASS: [5] H04L-009/00; G09C-001/00; H04L-009/10; H04L-009/12  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 44.9 (COMMUNICATION --  
Other)  
JOURNAL: Section: E, Section No. 993, Vol. 14, No. 483, Pg. 102,  
October 22, 1990 (19901022)

#### ABSTRACT

PURPOSE: To secure the confidentiality even when an ID number of one party is intercepted by a 3rd party and to detect the presence of a forged data by the 3rd party immediately by using both receiver and sender ID numbers.

CONSTITUTION: A basic decoding section D1 decodes a **sender** ID number by using a **secret** key S4 in common to the **sender** and the **receiver**. The **secret** key S4 is obtained by a selection section D1-2 selecting either a secret key S3 outputted from a secret key register section D3 or a receiver ID number S6 outputted from a receiver ID number register section D4. Then a decoded signal S5 is decoded by using the receiver ID number S4 and the decoded signal is outputted to a transmission line T1. A basic cryptographic section E1 of the receiver side ciphers the decoded signal S7 by using the receiver ID number S4. A decoded signal S8 generated from the basic cryptographic section E1 is inputted to a sender ID number verification section E2, in which a sender ID number outputted from a sender ID number register section D2 and the decoded signal S8 are compared.

17/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06006105 \*\*Image available\*\*  
**RECEIVER**, RECEIVING METHOD, TRANSMITTER, TRANSMITTING METHOD,  
TRANSMITTER- **RECEIVER** AND TRANSMITTING AND RECEIVING METHOD

PUB. NO.: 10-289205 [JP 10289205 A]  
PUBLISHED: October 27, 1998 (19981027)  
INVENTOR(s): HIRATA SHINICHI  
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 09-098672 [JP 9798672]  
FILED: April 16, 1997 (19970416)  
INTL CLASS: [6] **G06F-015/00**; **G06F-013/00**; G09C-001/00; G11B-031/00;  
H04L-009/32; H04L-012/54; H04L-012/58; H04M-011/00  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 42.5  
(ELECTRONICS -- Equipment); 44.3 (COMMUNICATION --  
Telegraphy); 44.4 (COMMUNICATION -- Telephone); 44.9  
(COMMUNICATION -- Other); 45.2 (INFORMATION PROCESSING --  
Memory Units)  
JAPIO KEYWORD: R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR); R131  
(INFORMATION PROCESSING -- Microcomputers & Microprocessors)

ABSTRACT  
PROBLEM TO BE SOLVED: To establish security which controls electric  
equipment with an **electronic mail**.

SOLUTION: A modem part 21 receives an **electronic mail** sent from a  
sending side and stores it in RAM(random access memory) 22c of a  
controlling part 22. A CPU(central processing unit) 22a extracts  
authentication information that is enciphered with a **user's secret key**  
of the sending side and decodes it with a public key. It decides whether  
the user of the other **sending party** is a normal user or not according  
to the decoded information, and only in the case of a normal user, it  
extracts a control command that is included in an **electronic mail** and  
stores it in the RAM 22c. It resends an **electronic mail** that confirms a  
control content to the sending side, and as a result, when an **electronic**  
**mail** approving it is returned, it extracts 2nd authentication information  
that is acquired by enciphering information that is different from the case  
and reconfirms whether the **sender** of the **electronic mail** is a normal  
user or not. In the case of a normal user, it carries out the control  
command that is previously sent.

17/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05431571 \*\*Image available\*\*  
METHOD FOR PROTECTING PRIVACY OF **ELECTRONIC MAIL** AND MAIL TERMINAL  
EQUIPMENT

PUB. NO.: 09-046371 [JP 9046371 A]  
PUBLISHED: February 14, 1997 (19970214)  
INVENTOR(s): OTAWA ATSUKO  
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 07-197793 [JP 95197793]  
FILED: August 02, 1995 (19950802)

INTL CLASS: [6] H04L-012/54; H04L-012/58; G06F-013/00 ; G06F-013/00 ;  
G09C-001/00; G09C-001/00; H04L-009/32  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 44.9 (COMMUNICATION --  
Other); 45.2 (INFORMATION PROCESSING -- Memory Units)

ABSTRACT

PROBLEM TO BE SOLVED: To protect call originator's privacy by making it possible to treat the call originator's ( sender 's) name of a received mail without revealing it at a receiving side mail terminal equipment.  
SOLUTION: In the case of originating an electronic mail constituted of mail message data provided with an area for storing call originator's privacy identification(ID) data for judging whether a call originator's name is to be outputted to the mail message data or not from a mail terminal equipment 1, the call originator is allowed to set up call originator's privacy ID data and other data to prepare the mail message data. The data are originated as an electronic mail and stored in a mail box in a receiving side mail server 2. In the case of receiving the mail message data, a receiver is allowed to retrieve the mail box in the mail server 2, and at the time of opening the electronic mail , whether the call originator's name is to be outputted or not is evaluated in accordance with the call originator's privacy ID data. The call originator's name is not outputted on a display part 107 or the like in accordance with the evaluation.

17/5/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02621763 \*\*Image available\*\*  
INFORMATION TRANSMISSION SYSTEM

PUB. NO.: 63-238663 [JP 63238663 A]  
PUBLISHED: October 04, 1988 (19881004)  
INVENTOR(s): TAKAHIRA KENICHI  
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 62-073344 [JP 8773344]  
FILED: March 26, 1987 (19870326)  
INTL CLASS: [4] G06F-015/21 ; B42D-015/02; G06K-017/00; H04L-013/08  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4 (PRECISION INSTRUMENTS -- Business Machines); 30.9 (MISCELLANEOUS GOODS -- Other); 44.3 (COMMUNICATION -- Telegraphy); 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessors)  
JOURNAL: Section: P, Section No. 821, Vol. 13, No. 43, Pg. 79, January 31, 1989 (19890131)

ABSTRACT

PURPOSE: To obtain high confidentiality by constituting the titled system so that an addresser records information in a memory of an IC card, transmits this IC card to an addressee , and the addressee reads out the information recorded in the memory of the IC card, by a prescribed means.

CONSTITUTION: When an input of desired information to an IC card 1 is ended, an addresser mails it to an addressee by an ordinary sealed letter, etc. The addressee installs the IC card 1 to an interface device 4, and thereafter, executes a certifying procedure for the addressee himself (an input of a password, etc.) through an input device 12, so that

the information of the IC card 1 can be read out of a memory 3, and the read-out information is displayed on a display device 11. In such a way, only the **addressee** who knows the password can read the information in the IC card 1, therefore, it does not occur that the information leaks out to a third **person**. In such a way, high **confidentiality** can be held.

17/5/8 (Item 3 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
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014885414 \*\*Image available\*\*  
WPI Acc No: 2002-706120/200276

XRPX Acc No: N02-556701

Email sending method in data communication system, involves encrypting email data with generated common key and sending email including encrypted data to email address of mailing list

Patent Assignee: MURATA KIKAI KK (MURK )

Inventor: TANIMOTO Y

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020099941	A1	20020725	US 200257685	A	20020123	200276 B
JP 2002222143	A	20020809	JP 200117516	A	20010125	200276

Priority Applications (No Type Date): JP 200117516 A 20010125

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020099941	A1		11	H04L-009/00	
JP 2002222143	A		7	G06F-013/00	

Abstract (Basic): US 20020099941 A1

NOVELTY - A personal computer (PC) creates a common key from a public key generated on basis of email address of mailing list and a secret key generated based on email address of email sender. The PC encrypts the email data with the common key and sends the email including encrypted data to the email address of mailing list.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Email processing method;
- (2) Computer readable recording medium storing email processing program;
- (3) Email sending apparatus; and
- (4) Email receiving apparatus.

USE - For data communication.

ADVANTAGE - Prevents the necessity to encrypt email data on basis of email address of recipients, but can be encrypted based on the email addresses of the mailing list and sender when sending the same email to the recipients. Thus providing easier transmission of mail having encrypted data to recipient.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the email sending process of the personal computer.

pp; 11 DwgNo 3/5

Title Terms: SEND; METHOD; DATA; COMMUNICATE; SYSTEM; DATA; GENERATE; COMMON; KEY; SEND; ENCRYPTION; DATA; ADDRESS; MAIL; LIST

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00; H04L-009/00

International Patent Class (Additional): H04L-009/08; H04L-012/58

File Segment: EPI

17/5/9 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014878449 \*\*Image available\*\*

WPI Acc No: 2002-699155/200275

XRPX Acc No: N02-551283

**Privileged email system uses program creating distribution list and  
restricting routing with confidentiality notice displayed to user for  
GUI acknowledgment before information is displayed**

Patent Assignee: PURDUE PHARMA LP (PURD )

Inventor: BAKER S D; STRASSBURGER P C

Number of Countries: 100 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200282293	A1	20021017	WO 2002US10643	A	20020403	200275 B

Priority Applications (No Type Date): US 2001825431 A 20010403

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200282293	A1	E	39	G06F-015/16	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU  
ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

Abstract (Basic): WO 200282293 A1

NOVELTY - The system has a mail server, a segregated server divided  
up according to the **sender**, **recipient** and department of the  
corporation using the system. The program can be executed to configure  
access rights to the communication and to enforce them by managing  
access to the communication. The programme executes automatically and  
attaches the privileged attribute to particular communications  
according to the predetermined selection criteria. A **confidentiality**  
notice is displayed to the **user** and acknowledged before the  
communication is displayed by clicking on a GUI button.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the  
following;

- (1) a privileged **email** messaging service,
- (2) a method of creating an attorney-client privileged digital  
communication,
- (3) a method for creating a digital communication protected by the  
attorney-client privilege,
- (4) a method of creating a virtual container,
- (5) a digital communication system.

USE - System is for **email** routing.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart of the  
steps in creating a privileged **e - mail**.

pp; 39 DwgNo 2/2

Title Terms: SYSTEM; PROGRAM; DISTRIBUTE; LIST; RESTRICT; ROUTE; CONFIDE;  
NOTICE; DISPLAY; USER; INFORMATION; DISPLAY

Derwent Class: T01

International Patent Class (Main): G06F-015/16

File Segment: EPI

17/5/10 (Item 5 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
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014707870 \*\*Image available\*\*  
WPI Acc No: 2002-528574/200256  
XRPX Acc No: N02-418540

Postal mailpiece delivering method involves detecting proxy address to  
obtain recipient postal address so that mailpiece is delivered to  
physical address of recipient

Patent Assignee: ADDRESSFREE CORP (ADDR-N)  
Inventor: BEZZANT B; FOX S; GOLDSTEIN J; LORCH Y; OREN G  
Number of Countries: 022 Number of Patents: 001

Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
WO 200251051 A1 20020627 WO 2001US48621 A 20011219 200256 B

Priority Applications (No Type Date): US 2000739959 A 20001220  
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
WO 200251051 A1 E 58 H04K-001/00  
Designated States (National): AT CA DE DK FI JP LU MX PT SE TR  
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE TR

Abstract (Basic): WO 200251051 A1

NOVELTY - The proxy address on the postal mailpiece is detected to  
obtain the **recipient** postal address from a database which has  
**recipient** postal addresses and associated proxy addresses. The  
obtained postal address is affixed to the mailpiece so that it is  
delivered to the physical address of the **recipient**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the  
following:

- (1) Proxy addresses creating and maintaining method for use with  
postal mailpiece;
- (2) **Recipient** postal address identifying method;
- (3) Mailpiece delivery managing method;
- (4) Value added services providing method for mailpiece;
- (5) Postal mailpiece delivering system;
- (6) **Recipient** postal address identifying system; and
- (7) Article of manufacture comprising a machine readable storage  
medium storing program for detecting and delivering mailpiece to postal  
address of **recipient**.

USE - For delivering item to **recipient** home address in cases when  
**recipient** responds to advertisement, catalog or other notice for  
delivery.

ADVANTAGE - The proxy address allows mailpiece to be delivered to  
**recipient** without the **sender** knowing the **recipient**'s postal  
**address** which is maintained **secret**, and hence provides value added  
services with flexibility. Reduces the chances of errors when **sender**  
places address on mailpiece and enables performing accurate delivery.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart  
illustrating postal mailpiece delivering method.

pp; 58 DwgNo 4/5  
Title Terms: POSTAL; DELIVER; METHOD; DETECT; ADDRESS; OBTAIN; **RECIPIENT** ;  
POSTAL; ADDRESS; SO; DELIVER; PHYSICAL; ADDRESS; **RECIPIENT**  
Derwent Class: T01; T05  
International Patent Class (Main): H04K-001/00  
International Patent Class (Additional): G06F-009/00 ; G06F-017/00 ;  
G07B-017/02; H04L-009/00  
File Segment: EPI

17/5/11 (Item 6 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014603316 \*\*Image available\*\*  
WPI Acc No: 2002-424020/200245

**Method for preventing spam mail**

Patent Assignee: DACOM CO LTD (DACO-N)  
Inventor: JUNG Y B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002001159	A	20020109	KR 200035401	A	20000626	200245 B

Priority Applications (No Type Date): KR 200035401 A 20000626

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002001159	A	1	G06F-017/60	

Abstract (Basic): KR 2002001159 A

NOVELTY - A method for preventing a spam mail is provided to prevent a spam mail which is sent to a **private person** at random.

DETAILED DESCRIPTION - An enterpriser supplying a mail service creates an ID indicating a subscriber included in the enterpriser's service member information, and registers at a member DB(S1,S2). The ID periodically connects and acts to a service as a real ID by a program(S3). **Senders** of the spam mail collect the IDs exposed to the service with general IDs and send all kinds of mails(S4,S5). When a mail is stored in a mail system(mail sever) of the company, the mail system judges whether the ID is included in **receiver** IDs by comparing the **receiver** IDs of the mail with a member information of a user(S6,S7). When the ID is included in the **receiver** IDs, the mail is a spam mail. When the mail is the spam mail, a transmission of the mail is reserved. When the ID is not included therein or the mail is not the spam mail, the mail is normally sent to the user's mail box(S8,S9,S10).

pp; 1 DwgNo 1/10

Title Terms: METHOD; PREVENT; SPAM; MAIL

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

17/5/15 (Item 10 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014179048 \*\*Image available\*\*

WPI Acc No: 2001-663276/200176

Related WPI Acc No: 2001-663159; 2002-097458; 2002-226619; 2002-240257

XRPX Acc No: N01-494189

**System for delivering greetings in an interactive communication network which incorporates a program of rewards for the user and recipient in the form of redeemable points**

Patent Assignee: PERRY I I (PERR-I)

Inventor: CARSON G; DANZIGER H; FERTIG A; GAMPEL M N; HARPER D; PERRY I I;  
RUBIN T L; SINIGAGLIA D R; ZWIEBEL A H

Number of Countries: 031 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200182108	A2	20011101	WO 2001US12645	A	20010418	200176 B
AU 200157093	A	20011107	AU 200157093	A	20010418	200219

Priority Applications (No Type Date): US 2001274577 P 20010322; US 2000198358 P 20000419; US 2000226182 P 20000818; US 2000257915 P 20001221

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200182108	A2	E	85	G06F-017/00	
Designated States (National): AU BR CA CN CO IL IN JP KR MX RU US					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU					
MC NL PT SE TR					
AU 200157093	A			G06F-017/00	Based on patent WO 200182108

Abstract (Basic): WO 200182108 A2

NOVELTY - The user interface of a home page (100) preferably includes several display regions to enable access to various other features of the web site through navigation using hypertext links to the features (102-156). The greeting created by a registered user is transmitted to a receiving registered user in a perceivable form and the **receiving user** is provided with eligibility to win a reward, while the **sending user** is provided with a separate eligibility to win at least one reward **not** previously **identified**. The **users** are also given a point for completing a selected activity.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a method and system for conveying a greeting through an interactive communication system, for methods of messaging and incentivizing creation of a greeting, for a networked system, for an apparatus and for a computer program product with code.

USE - Conveying greetings in a communication system.

ADVANTAGE - Incorporating a program of rewards.

DESCRIPTION OF DRAWING(S) - The drawing shows a web site portion

Web page (100)

Features (102-156)

pp; 85 DwgNo 1/7

Title Terms: SYSTEM; DELIVER; GREETING; INTERACT; COMMUNICATE; NETWORK; INCORPORATE; PROGRAM; REWARD; USER; **RECIPIENT**; FORM; POINT

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/00

File Segment: EPI

17/5/16 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014092145 \*\*Image available\*\*

WPI Acc No: 2001-576359/200165

Internet service for delivering commodities only using address of sender

Patent Assignee: KIM B K (KIMB-I); KIM C S (KIMC-I); KIM Y B (KIMY-I)

Inventor: KIM B K; KIM C S; KIM Y B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001035202	A	20010507	KR 20012282	A	20010115	200165 B

Priority Applications (No Type Date): KR 20012282 A 20010115

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001035202	A		1	G06F-017/60	



Abstract (Basic): KR 2001035202 A

NOVELTY - An internet service for delivering commodities only using an address of a **sender** is provided to protect **private** life of famous **persons** by delivering a mail or a commodity to a famous person through a Web service based on the internet network.

DETAILED DESCRIPTION - A user joins to the membership by connecting to an internet Web service server(2) using a user computer(1) and inputting personal information to a database(9). The user can prepare a fan letter using a letter editing program(11) and can up-load the letter on a notice board. If the user wishes to deliver a commodity to a famous person, the user connects to an information database service and searches and selects information with respect to the famous person and inputs one's address in a user address input program(5). The address data are transmitted from a temporary storing unit of the user address input program(5) to a Web server of the delivery company. The delivery company takes away a letter or a commodity of the user and delivers the letter or a commodity to a storehouse of the service provider. The letter or a commodity is separated by **receivers** and delivered to a place in which the **receivers** frequently visits. If the letter or a commodity was delivered normally, a manager up-loads the fact that the **receiver** received the letter or a commodity on the notice board.

pp; 1 DwgNo 1/10

Title Terms: SERVICE; DELIVER; COMMODITY; ADDRESS; SEND

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

17/5/18 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012775995 \*\*Image available\*\*

WPI Acc No: 1999-582221/199950

XRPX Acc No: N99-430074

Email access controlling for communications from other users whose identifications on communication network are concealed while concealing identification of recipient on communication network

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Inventor: HISADA Y; ICHIKAWA H; ONO S

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 946022	A2	19990929	EP 99105140	A	19990326	199950 B
JP 2000201169	A	20000718	JP 9982211	A	19990325	200040

Priority Applications (No Type Date): JP 98315172 A 19981105; JP 9879837 A 19980326; JP 98171930 A 19980618; JP 98224861 A 19980807

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 946022	A2	E	95	H04L-012/58	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI  
JP 2000201169 A 65 H04L-012/54

Abstract (Basic): EP 946022 A2

NOVELTY - The method involves controlling accesses between a **sender** and a **recipient** by verifying an access right of the **sender**

with respect to the **recipient** according to the personalized access **ticket** at the secure communication service.

DETAILED DESCRIPTION - A certification authority (CA) (1) has a right to authenticate an official identification (OID) that identifies each **individual** and a right to issue **anonymous ID** (AID), and functions to generate AIDs from OIDs and allocate AIDs to users (3). A secure communication service (SCS) (5) judges whether or not to admit a connection in response to a connection request by an **email** from a user (3), according to the PAT (Personalized Access **Ticket**) presented from a user (3). INDEPENDENT CLAIMS are included for: a communication system, a secure communication device for use in a communication system realizing **email** access control and a program for causing a computer to function as a secure communication device realizing **email** access control.

USE - For **emails** or news that are unilaterally sent without any consideration to the **recipient**'s time consumption, economical and mental burdens. The SPAM using **emails** are also known as UBE (Unsolicited Bulk **Emails**) or UCE (Unsolicited Commercial **Emails**). The SPAM is sent indiscriminately regardless of the **recipient**'s age, sex, interests, etc., so that the SPAM often contains an uninteresting or unpleasant content for the **recipient**.

ADVANTAGE - Capable of enabling a unique identification of the **identity** of the **user** while **concealing** the **user identification**.

DESCRIPTION OF DRAWING(S) - The drawing shows an overall configuration of a communication system according to the first embodiment of the present invention.

certification authority (1)

users (3)

secure communication service (5)  
pp; 95 DwgNo 1/49

Title Terms: ACCESS; CONTROL; COMMUNICATE; USER; IDENTIFY; COMMUNICATE;  
NETWORK; CONCEAL; CONCEAL; IDENTIFY; **RECIPIENT**; COMMUNICATE; NETWORK

Derwent Class: P85; T01; W01

International Patent Class (Main): H04L-012/54; H04L-012/58

International Patent Class (Additional): **G06F-013/00**; G09C-001/00;  
H04L-009/32; H04L-012/22; H04L-029/06

File Segment: EPI; EngPI

19/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07429005 \*\*Image available\*\*  
**RECEIVER** AND METHOD, TRANSMITTER AND METHOD, COMMUNICATION SYSTEM,  
RECORDING MEDIUM, AND PROGRAM

PUB. NO.: 2002-297515 [JP 2002297515 A]  
PUBLISHED: October 11, 2002 (20021011)  
INVENTOR(s): WATANABE YASUHIRO  
UENO HIROSHI  
MATSUDA KOICHI  
APPLICANT(s): SONY CORP  
APPL. NO.: 2001-097078 [JP 20011097078]  
FILED: March 29, 2001 (20010329)  
INTL CLASS: G06F-013/00 ; G06F-017/27 ; G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method that enables a **user** to attach scripts for recording **private** data written on an electronic **name** card in a **recipient** address book.

SOLUTION: A PDA 1 displays a dialog box 641 if attaching an electronic name card to an **electronic mail** is instructed while the **electronic mail** is generated. If a user selects a YES button 642, the PDA 1 generates scripts for recording **private** data written in an electronic **name** card on a **private** data database like an **address** book stored in the PDA 1 owned by a **recipient** and sends the scripts attached to the mail to the **recipient**. The scripts are executed as soon as the mail is opened.

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19/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07429004 \*\*Image available\*\*  
**RECEIVER** AND METHOD, RECORDING MEDIUM, AND PROGRAM

PUB. NO.: 2002-297514 [JP 2002297514 A]  
PUBLISHED: October 11, 2002 (20021011)  
INVENTOR(s): UENO HIROSHI  
APPLICANT(s): SONY CORP  
APPL. NO.: 2001-097075 [JP 20011097075]  
FILED: March 29, 2001 (20010329)  
INTL CLASS: G06F-013/00 ; G06F-012/14

ABSTRACT

PROBLEM TO BE SOLVED: To provide a device and method, which enables a **user** to prevent **private** information from spilling over by an illegal action.

SOLUTION: A step S731 executes scripts attached to an **electronic mail**. A step S732 extracts data specified by executing the scripts. A step S734 eliminates private information included in the extracted data if a step S733 decides that attributes are annexed to the extracted data.

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19/5/4 (Item 4 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07283777 \*\*Image available\*\*  
**ELECTRONIC MAIL TRANSMISSION/RECEPTION METHOD**

PUB. NO.: 2002-152246 [JP 2002152246 A]  
PUBLISHED: May 24, 2002 (20020524)  
INVENTOR(s): MORINAGA SUMIOMI  
APPLICANT(s): MORINAGA SUMIOMI  
APPL. NO.: 2000-347733 [JP 2000347733]  
FILED: November 15, 2000 (20001115)  
INTL CLASS: H04L-012/54; H04L-012/58; G06F-013/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide an **electronic mail** server system that allows even if a terminal is incapable of to possessing a plurality of mail addresses to attain transmission/reception of a mail **address** of an **anonymous sender**.

SOLUTION: A terminal transmits **electronic mail** to a server 4, by using a destination resulting from partly converting a destination mail address into another address and attaching a designation address to the converted address. A mail address collation section 6, receiving the **electronic mail**, uses the mail address to retrieve a database 7; a processing section 8 interprets the destination of the **electronic mail** sent by a designated address, when the mail address matches the mail address of the database 7, converts the **sender mail address** into an **alias mail address** of the database 7; an **electronic mail** transmission reception control section 5 transmits the **electronic mail**, converts the **alias mail address** of the **electronic mail** into a mail address of the database user 7, adds the designated address to the user mail address and partly converts the resulting address; and the **electronic mail** transmission reception control section 5 transmits the **electronic mail**.

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19/5/7 (Item 7 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07189292 \*\*Image available\*\*  
**METHOD FOR TRANSMITTING AND RECEIVING ELECTRONIC MAIL BY UTILIZING INTERNET**

PUB. NO.: 2002-057692 [JP 2002057692 A]  
PUBLISHED: February 22, 2002 (20020222)  
INVENTOR(s): YOKOYAMA SHIYUUCHIRO  
TSUBOI YOSHIHIRO  
APPLICANT(s): BUGSY GROUP KK  
MEDIA WIZARD KK  
APPL. NO.: 2000-238588 [JP 2000238588]  
FILED: August 07, 2000 (20000807)  
INTL CLASS: H04L-012/54; H04L-012/58; G06F-013/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method for exchanging **electronic mail** without publicizing an **electronic mail** address by an automatic transfer system putting emphasis on the protection of privacy and also easily selecting the opposite party of exchanging the **electronic mail**.

SOLUTION: The transmission and reception of the **electronic mail** utilizing the Internet 3 are performed by relaying an **electronic mail** server 1 where members are registered, and the **electronic mail** server 1 hides the **electronic mail** address of a mail transmitter and performs transfer to an **electronic mail** receiver.

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19/5/9 (Item 9 from file: 347)

DIALOG(R)File 347:JAPIO

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07097538 \*\*Image available\*\*  
FUTURE MAIL NETWORK SYSTEM

PUB. NO.: 2001-325194 [JP 2001325194 A]  
PUBLISHED: November 22, 2001 (20011122)  
INVENTOR(s): GOTO HISAO  
APPLICANT(s): GOTO HISAO  
APPL. NO.: 2000-180561 [JP 2000180561]  
FILED: May 12, 2000 (20000512)  
INTL CLASS: G06F-013/00 ; H04L-012/54; H04L-012/58

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a future mail network system where a time difference transfer trust service center is prepared for the information on **electronic mails**, etc., to accumulate and preserve the **electronic mail** information which are sent from each of individual transfer trust transmitters and to automatically transfer the **electronic mail** information to a designated **receiver** on a future designated transfer date after the **electronic mail** information is retrieved and extracted unlike a conventional system where the event information are separately stored/preserved or stored by means of a recording medium, etc., and also desired to be transmitted to, to be confirmed by or to be taught to a user himself/herself or a third party on a future specified date for an organization of **private persons**, establishments, etc.

SOLUTION: The information on the **electronic mails**, etc., are transmitted from a transmitter to a service center after the **receiver** and the future transfer date and time are designated and then received, accumulated and preserved by a computer of the service center. These **electronic mail** information are retrieved, extracted and transferred automatically to a designated **receiver** on a future designated transfer date. This future mail network system is controlled by connecting the computer of the service center to the electronic information equipment such as personal computers of both transmitter and **receiver** via the Internet.

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19/5/10 (Item 10 from file: 347)

DIALOG(R)File 347:JAPIO

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07078809    \*\*Image available\*\*  
**ELECTRONIC MAIL** MEDIATING SERVER

PUB. NO.:        2001-306455 [JP 2001306455 A]  
PUBLISHED:      November 02, 2001 (20011102)  
INVENTOR(s):    SANADA TETSUYA  
                 TAKASE YASUMICHI  
APPLICANT(s):   CYBIRD CO LTD  
APPL. NO.:      2000-119810 [JP 2000119810]  
FILED:          April 20, 2000 (20000420)  
INTL CLASS:     G06F-013/00 ; H04L-012/54; H04L-012/58

ABSTRACT

PROBLEM TO BE SOLVED: To anonymously exchange **electronic mails** by properly selected two persons for a fixed time.

SOLUTION: In the **electronic mail** mediation serve, validity terms data are made to be incidental to an anonymous correspondence pair which consists of a temporary mail address A2 made to correspond to the mail address A1 of a user A and of a temporary mail address B2 made to correspond to the mail address B1 of a user B, an **electronic mail** is transmitted to the Internet as the **electronic mail** from the temporary address B2 to the address A1 when the **sender** of the **electronic mail** transmitted to the mail box of the temporary address A2 coincides with the address B1, the **electronic mail** is transmitted to the Internet as the **electronic mail** from the address A2 to the address B1 when the **sender** of the **electronic mail** transmitted to the mail box of the temporary address B2 coincides with the **address** A1 and the **anonymous** correspondence pair and the mailboxes are erased base on validity terms data.

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19/5/12        (Item 12 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06656756    \*\*Image available\*\*  
**ELECTRONIC MAIL** CLIENT DEVICE, SERVER DEVICE AND **ELECTRONIC MAIL**  
SYSTEM CONNECTING THE SAME DEVICES TOGETHER

PUB. NO.:        2000-242579 [JP 2000242579 A]  
PUBLISHED:      September 08, 2000 (20000908)  
INVENTOR(s):    NAGAI YOSHITO  
                 SUZUKI KATSUNORI  
APPLICANT(s):   RECRUIT CO LTD  
APPL. NO.:      11-042195 [JP 9942195]  
FILED:          February 19, 1999 (19990219)  
INTL CLASS:     G06F-013/00 ; H04L-012/54; H04L-012/58

ABSTRACT

PROBLEM TO BE SOLVED: To provide an **electronic mail** system which can basically transmit an anonymous **message**, can send a reply to a specified transmitter and accordingly can inhibit a wrong user from using the system by means of the anonymity.

SOLUTION: This mail system includes a server device S which is connected to an internet INET and a plurality of client devices C. Every device C converts the text data, etc., inputted by a user into the image data of a

PNG form (format) and produces an **anonymous** mail that includes the **user ID** for the benefit of a **receiver** sending a reply. The server S stores the received **anonymous** mail in a mail box 30 and then selects preferentially the mail addressed to the user after another device C is logged in. The reception of mails of troublesome users can be rejected by registering these user IDs on the server S.

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19/5/13 (Item 13 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06589009 \*\*Image available\*\*  
**ELECTRONIC MAIL SERVER SYSTEM**

PUB. NO.: 2000-174802 [JP 2000174802 A]  
PUBLISHED: June 23, 2000 (20000623)  
INVENTOR(s): YUASA NATSUKI  
APPLICANT(s): SHARP CORP  
APPL. NO.: 10-351004 [JP 98351004]  
FILED: December 10, 1998 (19981210)  
INTL CLASS: H04L-012/54; H04L-012/58; G06F-013/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an **electronic mail** server system with which an **electronic mail** is transmitted and received in accordance with the states of a transmitter and **receiver** who are themselves anonymous.

SOLUTION: Each **electronic mail** exchanging terminals 211 is provided with a means 212 for designating the **confidentiality** of a transmission source **address** in the case of transmission. An **electronic mail** server 201 decides a mail whose transmission source **address** is designated by **confidentiality** (203), converts the transmission source **address** into an **anonymous address** (204), distributes the mail (202), decides the mail whose transmission source **address** is the **confidential address** (205) and restores the **anonymous address** to the **confidentiality** designated transmission source **address** and returns it (296).

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19/5/14 (Item 14 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06220013 \*\*Image available\*\*  
**SYSTEM AND METHOD FOR PROVIDING ANONYMOUS REMAILING AND FILTERING OF ELECTRONIC MAIL**

PUB. NO.: 11-161574 [JP 11161574 A]  
PUBLISHED: June 18, 1999 (19990618)  
INVENTOR(s): GABBER ERAN  
GIBBONS PHILLIP B  
KRISTOL DAVID MORRIS  
MATIAS YOSSIE  
MAYER ALAIN J  
APPLICANT(s): LUCENT TECHNOL INC  
APPL. NO.: 10-239336 [JP 98239336]

FILED: August 26, 1998 (19980826)  
PRIORITY: 57132 [US 57132], US (United States of America), August 28,  
1997 (19970828)  
41209 [US 41209], US (United States of America), March 12,  
1998 (19980312)  
INTL CLASS: G06F-013/00 ; H04L-012/54; H04L-012/58

ABSTRACT

PROBLEM TO BE SOLVED: To make **anonymous** a **sender name** present on an actual transmission source **address** by including an **alias** transmission source **address** substitution unit and removing the actual transmission source address from an **electronic mail message**.

SOLUTION: A hash value of the destination address of an **electronic mail message** is calculated (S330). Then, (n) blank bytes are added to a compressed actual transmission source address (S340). The true length of the actual transmission source **address** is **hidden** by adding blank bytes. Further, a 2nd bit field is added to a secret key saved locally in a remailer, and an extended **secret** key characteristic of the destination **address** is generated. Then, the compressed actual transmission source address is ciphered according to the data ciphering standards using the extended **secret** key characteristic of the destination **address** as a cipher key (S350). Further, the 2nd bit field is added to the ciphered and compressed actual transmission source address (S360).

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19/5/15 (Item 15 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06156632 \*\*Image available\*\*  
ELECTRONIC MAIL SYSTEM

PUB. NO.: 11-098175 [JP 11098175 A]  
PUBLISHED: April 09, 1999 (19990409)  
INVENTOR(s): MUKAI MASAKI  
SAKURAI YUKA  
EMURA SATOSHI  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD  
APPL. NO.: 09-256324 [JP 97256324]  
FILED: September 22, 1997 (19970922)  
INTL CLASS: H04L-012/54; H04L-012/58; G06F-013/00 ; G09C-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide the **electronic mail** system that protects privacy of an address such as a telephone number and creates an excellent **electronic mail** communication environment.

SOLUTION: The system is provided with an **address** data conversion section 105 that **conceals** or encrypts part or all of an address set by the address data setting section 104, and adds an address converted in the case of sending an **electronic mail** to a text mail as address information. Thus, in the case that pluralities of names of mail **recipients** are in existence, the privacy of an address such as a telephone number is protected against among **recipients**.

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19/5/16 (Item 16 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05431535 \*\*Image available\*\*  
METHOD AND SYSTEM FOR EXCHANGING ELECTRONIC MESSAGE , AND STORAGE MEDIUM  
FOR ELECTRONIC MESSAGE EXCHANGING PROCESSING

PUB. NO.: 09-046335 [JP 9046335 A]  
PUBLISHED: February 14, 1997 (19970214)  
INVENTOR(s): MIYAZAKI HIROSHI  
SAMEJIMA YOSHIKI  
APPLICANT(s): HITACHI SOFTWARE ENG CO LTD [472485] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 08-123463 [JP 96123463]  
FILED: May 17, 1996 (19960517)  
INTL CLASS: [6] H04L-009/32; G06F-013/00 ; G06F-015/00 ; G09C-001/00;  
H04L-012/54; H04L-012/58  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 44.9 (COMMUNICATION --  
Other); 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4  
(INFORMATION PROCESSING -- Computer Applications)

#### ABSTRACT

PROBLEM TO BE SOLVED: To enable an agent having a reception attribute specified by a transmitting entity to receive a **message** by ciphering the **message** by a cipher key corresponding to the attribute of a reception entity and transmitting the ciphered **message** to a **receiver** side device only when the **receiver** side entity has the specified reception entity.

SOLUTION: A certification request 1400 consisting of cipher information obtained by ciphering the certification request 1400 by a **user** 's own **secret** key Ka, the information of a **secret** key certificate 400 for the **user** A and the information of a user attribute certificate 800 is prepared and sent to a server computer to request the certification of an attribute. The server computer checks whether the information of the certificate 400 can be correctly decoded by its own secret key Ks or not, and when the information can be correctly decoded, obtains the key Ka as the **user** 's **secret** key. Then the server computer decodes the cipher information by the **user** 's **secret** key Ka and certificates that the user A has an attribute specified by the attribute information. Then the server computer ciphers certification information 600 by its own secret key Ks to generate ciphered certification information 1700 and returns the information 1700 to the user A.

19/5/17 (Item 17 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

05267706 \*\*Image available\*\*  
AUTOMATIC ADDRESS ASSIGNMENT SYSTEM

PUB. NO.: 08-223206 [JP 8223206 A]  
PUBLISHED: August 30, 1996 (19960830)  
INVENTOR(s): MATSUO HIDEHIRO  
APPLICANT(s): HITACHI CABLE LTD [000512] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 07-026802 [JP 9526802]  
FILED: February 15, 1995 (19950215)

INTL CLASS: [6] H04L-012/46; H04L-012/28; G06F-013/00  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 45.2 (INFORMATION  
PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To set automatically its own IP address to a computer subscribing newly to a network.

CONSTITUTION: In the system where its own address comprising a network number part, a subnetwork number part and a host number part is set to a computer subscribing newly to a network such as a LAN using a protocol, the computer 402 sends an **address mask request message** in which **sender addresses** are all set to zero and ANDs a **sender** address included in a reply **message** received as a reply of the **message** and a subnet mask. Thus, the network number part and the subnetwork number part of its own address are decided, and its own address is set based on the AND of the OR and sum of the value of a host number part selected optionally in a range between '1' and a value less than 1's complement of the subnet mask.

19/5/18 (Item 18 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

04678741 \*\*Image available\*\*  
ELECTRONIC MAIL SYSTEM

PUB. NO.: 06-350641 [JP 6350641 A]  
PUBLISHED: December 22, 1994 (19941222)  
INVENTOR(s): NANMA HIDEAKI  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company  
or Corporation), JP (Japan)  
APPL. NO.: 05-137277 [JP.93137277]  
FILED: June 08, 1993 (19930608)  
INTL CLASS: [5] H04L-012/54; H04L-012/58; G06F-013/00  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 45.2 (INFORMATION  
PROCESSING -- Memory Units)

ABSTRACT

PURPOSE: To omit the entry of a mail **address** for registration of an **alias** by using a mail **address** of a **sender** of a received mail and a mail address being a destination of the generated mail.

CONSTITUTION: Upon the receipt of an **electronic mail** by a mail reception section 11 of the **electronic mail** system 1, a mail analysis section 12 obtains a header part of a **sender** or the like of the mail and the header part and a text of the mail are displayed by a mail display section 13. When the **sender** is selected in this case, the mail address is given to a destination registration section 14. When a mail generating section 15 generates the mail, the destination of the mail is set at a destination setting section 16. When the set destination is selected in this case, the destination mail address is given to the destination registration section 14.

19/5/24 (Item 4 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014948064 \*\*Image available\*\*

WPI Acc No: 2003-008577/200301

XRPX Acc No: N03-007513

E - mail address conversion system in computer network, retrieves sender public address and destination private address from database based on received mail and accordingly public/ private address data is modified

Patent Assignee: TOKO ELECTRIC (TOKO-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002319977	A	20021031	JP 2001121317	A	20010419	200301 B

Priority Applications (No Type Date): JP 2001121317 A 20010419

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002319977	A		8 H04L-012/58	

Abstract (Basic): JP 2002319977 A

NOVELTY - A database (30) is accessed to retrieve public address data of sender and private address data of transmission destination based on the respective address data included in the received e - mail . A new e - mail is produced by overwriting the public address data of the transmission destination over the private address data, while overwriting the private address data.

USE - For converting e - mail address while performing communication with computer network using mobile telephone.

ADVANTAGE - Ensures maintaining communication secrecy due to inherent nature of e - mail address.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of e - mail address conversion system. (Drawing includes non-English language text).

Database (30)

pp; 8 DwgNo 1/4

Title Terms: MAIL; ADDRESS; CONVERT; SYSTEM; COMPUTER; NETWORK; RETRIEVAL; SEND; PUBLIC; ADDRESS; DESTINATION; PRIVATE; ADDRESS; DATABASE; BASED; RECEIVE; MAIL; ACCORD; PUBLIC; PRIVATE; ADDRESS; DATA; MODIFIED

Derwent Class: T01; W01

International Patent Class (Main): H04L-012/58

International Patent Class (Additional): G06F-013/00

File Segment: EPI

19/5/31 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014537805 \*\*Image available\*\*

WPI Acc No: 2002-358508/200239

System and method for connecting opposite sex between acquaintances by e - mail using plurality of real names or assigned position information

Patent Assignee: SON W J (SONW-I)

Inventor: SON W J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001087754	A	20010926	KR 200084514	A	20001228	200239 B

Priority Applications (No Type Date): KR 200084514 A 20001228

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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KR 2001087754 A

1 G06F-019/00

Abstract (Basic): KR 2001087754 A

NOVELTY - A system and method for connecting an opposite sex between acquaintances by **E - mail** using a plurality of real names or assigned position information is provided to guarantee an **anonymity** property of a proposing **person** to some extent and enable the partner to decide actually when the person performs a proposal through an on-line.

DETAILED DESCRIPTION - A web server connects a client with an Internet communication. A member managing unit(51) stores and manages information of a user being connected through the Internet in a storing unit by using the client. An information input unit(52) receives a **receiver** and stores the **receiver** in the storing unit. A contents input unit(53) receives contents to be proposed and stores the contents in the storing unit. A transmitter input unit(54) receives a plurality of own names including an own name of an actual transmitter or a group name of the transmitter and stores in the storing unit. A contents transmitting unit(55) transmits contents being stored in the storing unit to the corresponding **receiver** through an on-line. A decision input unit(56) receives a selection decision with respect to a propose-permitted scheduled person from the **receiver**. A result processing unit(57) transmits a result in accordance with inputted decision to the transmitter and the **receiver**. A payment processing unit(58) pays the price if the propose is completed.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; METHOD; CONNECT; OPPOSED; SEX; MAIL; PLURAL; REAL; NAME; ASSIGN; POSITION; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-019/00

File Segment: EPI

19/5/38 (Item 18 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014092358 \*\*Image available\*\*

WPI Acc No: 2001-576572/200165

Method for sending **e - mail** by inputting recipient '**s e - mail** address at domain name dialog box of web browser

Patent Assignee: SONG C (SONG-I)

Inventor: SONG C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001035484	A	20010507	KR 20018320	A	20010220	200165 B

Priority Applications (No Type Date): KR 20018320 A 20010220

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001035484	A		1	G06F-017/60	

Abstract (Basic): KR 2001035484 A

NOVELTY - A method for sending **E - mail** by inputting recipient '**s E - mail** address at a domain name dialog box of web browser is provided to offer a convenience to a user in sending an **E - mail** by identify the name of an **E - mail receiver** and a reading of the **E - mail**.

DETAILED DESCRIPTION - A user executes a web browser provided at a

wire/wireless terminal(s100), and inputs other person's **E - mail** address in a web browser URL input section(s101). The user connects to a server processing the current process(s102). An input screen for inputting an **E - mail message** by requesting an **E - mail** address is outputted(s103). The **E - mail message** is inputted and other items are set(s105). The inputted mail information is stored or transmitted to an external mail server(s106). A secret number is inputted(s108). If the **secret** number is verified, a **user** managing screen is outputted(s109). The user moves to the **E - mail message** input screen again for delivering new mail(s110). A receiving mail is opened for reading the received **message** (s111). After the user sent a **message**, the user receives a code number identifying whether the **receiver** reads the **message**, and thus the user identifies the reading by the **receiver** in real time.

pp; 1 DwgNo 1/10  
 Title Terms: METHOD; SEND; MAIL; INPUT; **RECIPIENT**; MAIL; ADDRESS; DOMAIN; NAME; BOX; WEB  
 Derwent Class: T01  
 International Patent Class (Main): **G06F-017/60**  
 File Segment: EPI

19/5/39 (Item 19 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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014026585 \*\*Image available\*\*  
 WPI Acc No: 2001-510799/200156  
**Method and system for sending e - mail of anonymous receiver**  
 Patent Assignee: UNIV INFORMATION & COMMUNICATIONS (UYIN-N); LEE B (LEEB-I)  
 Inventor: LEE B J; LEE B  
 Number of Countries: 002 Number of Patents: 002  
 Patent Family:  

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001016276	A	20010305	KR 200071732	A	20001129	200156 B
US 20020107926	A1	20020808	US 2001981990	A	20011017	200254

Priority Applications (No Type Date): KR 200071732 A 20001129

Patent Details:  

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001016276	A		1	G06F-017/6013	
US 20020107926	A1			G06F-015/16	

Abstract (Basic): KR 2001016276 A

NOVELTY - A method and a system for sending an **e - mail** of an anonymous **receiver** are provided to sort an **e - mail** for anonymous **receivers** and to send to correct **receiver**.

DETAILED DESCRIPTION - A mail server(100) is adopted by a groupware system like a handy soft used in a company and an organization or an ordinary **e - mail** system like an **e - mail** express of Microsoft and processes a received mail and a transmitted mail. A mail received from an external and a mail transmitted to the external are temporarily stored in a mail storing unit(120). A study agent(200) receives the mail transmitted to the company or a member of the organization via the mail server(100) and performs a machine study using an algorithm. The study agent(200) generates a model of the mail transmitted to each member and stores the mail in a model storing unit. A judgement tree is stored as the study model of accounts of the mail by each **receiver** in a model database. A classification agent(300) refers to the study model generated by the study agent(200) in case that an **e - mail** of an

anonymous receiver without knowing an accurate address is arrived.  
pp; 1 DwgNo 1/10  
Title Terms: METHOD; SYSTEM; SEND; MAIL; RECEIVE  
Derwent Class: T01  
International Patent Class (Main): G06F-015/16 ; G06F-017/6013  
File Segment: EPI

19/5/40 (Item 20 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014012547 \*\*Image available\*\*  
WPI Acc No: 2001-496761/200154  
XRPX Acc No: N01-368105

Invitation messaging through internet involves providing message to  
list of people based on profile information from user computer

Patent Assignee: DIGIGROUPS (DIGI-N)  
Inventor: GAL D; LIRON E; SARID U  
Number of Countries: 094 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200152106	A2	20010719	WO 2000US29306	A	20001024	200154 B
AU 200080319	A	20010724	AU 200080319	A	20001024	200166

Priority Applications (No Type Date): US 2000483223 A 20000114

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200152106	A2	E	17	G06F-017/30	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW  
AU 200080319 A G06F-017/30 Based on patent WO 200152106

Abstract (Basic): WO 200152106 A2

NOVELTY - The method involves receiving message and profile  
information from the user computer. The message is provided to a list  
of people from a database (56) without providing the user with names or  
e - mail information of any of them.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for  
messaging system.

USE - Messaging over internet.

ADVANTAGE - Provides the message to a recipient without  
providing name or e - mail information to the user as anonymity  
of recipients is maintained.

DESCRIPTION OF DRAWING(S) - The figure shows the operation of  
server.

Database (56)

pp; 17 DwgNo 2/5

Title Terms: MESSAGING; THROUGH; MESSAGE ; LIST; PEOPLE; BASED; PROFILE;  
INFORMATION; USER; COMPUTER  
Derwent Class: T01  
International Patent Class (Main): G06F-017/30  
File Segment: EPI

19/5/41 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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013991354 \*\*Image available\*\*

WPI Acc No: 2001-475569/200151

XRPX Acc No: N01-352072

Anti-spam system for eliminating unauthorized e - mail in network, has  
e - mail rejection module which rejects e - mail addressed to e -  
mail address of user, if e - mail address of sender is not in ASL  
list

Patent Assignee: KATSIKAS P L (KATS-I)

Inventor: KATSIKAS P L

Number of Countries: 091 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200116695	A1	20010308	WO 2000US23561	A	20000825	200151 B
AU 200070807	A	20010326	AU 200070807	A	20000825	200151
EP 1232431	A1	20020821	EP 2000959492	A	20000825	200262
			WO 2000US23561	A	20000825	

Priority Applications (No Type Date): US 2000180937 P 20000208; US 99150025  
P 19990901

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200116695 A1 E 28 G06F-007/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200070807 A G06F-007/00 Based on patent WO 200116695

EP 1232431 A1 E G06F-007/00 Based on patent WO 200116695

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): WO 200116695 A1

NOVELTY - An e - mail receiving server includes an authorized  
senders list (ASL) module e.g. spam processor (203) which maintains an  
ASL list (203b) of e - mail addresses of senders authorized to send  
e - mail to a user. An e - mail rejection module e.g. redirector  
(202), operable with the ASL module, rejects the e - mail addressed  
to the e - mail address of the user if the e - mail address of the  
sender is not in the ASL list.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the  
following:

(a) an unauthorized e - mail eliminating method;

(b) an e - mail server system.

USE - For removing unauthorized e - mail sent to user on network  
e.g. Internet.

ADVANTAGE - Can not be defeated by spammers who frequently change  
their source addresses or disguise themselves. Enables rejection of  
all unauthorized e - mails .

DESCRIPTION OF DRAWING(S) - The figure shows the process flow  
diagram of anti-spam system.

Redirector (202)

Spam processor (203)

pp; 28 DwgNo 2/9

Title Terms: ANTI; SPAM; SYSTEM; ELIMINATE; UNAUTHORISED; MAIL; NETWORK;  
MAIL; REJECT; MODULE; REJECT; MAIL; ADDRESS; MAIL; ADDRESS; MAIL;

ADDRESS; SEND; LIST  
Derwent Class: T01; W01; W02  
International Patent Class (Main): G06F-007/00  
International Patent Class (Additional): G06F-015/16 ; G06F-017/00 ;  
H04N-001/00  
File Segment: EPI

19/5/44 (Item 24 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013706437 \*\*Image available\*\*  
WPI Acc No: 2001-190661/200119  
XRPX Acc No: N01-135474

Messaging services providing method for communication system, involves  
entering alias address and its corresponding unlisted address in  
routing database, to transmit and receive messages

Patent Assignee: AT & T CORP (AMTT )  
Inventor: ROCHKIND M M  
Number of Countries: 001 Number of Patents: 001

Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
US 6161129 A 20001212 US 97941502 A 19970930 200119 B

Priority Applications (No Type Date): US 97941502 A 19970930  
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6161129	A		13	G06F-012/02	

Abstract (Basic): US 6161129 A

NOVELTY - An alias address is generated in response to instructions from a party with unlisted address. The alias address and its corresponding unlisted address are entered in a routing table. On receiving the message addressed to alias address, the routing table is used to obtain unlisted address. The message is then delivered to unlisted address. The alias address is unique and is used once.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Messaging system;

(b) Messaging services provision program

USE - For use in communication-based messaging service such as voice mail and electronic mail.

ADVANTAGE - Protects the privacy and security of users who do not want unnecessary disclosure of personal information by use of an alias address. Effectively restricts replies from any one other than the intended recipients of the message.

DESCRIPTION OF DRAWING(S) - The figure shows flow diagram of unannounced alias address messaging process.

pp; 13 DwgNo 2/5

Title Terms: MESSAGING; SERVICE; METHOD; COMMUNICATE; SYSTEM; ENTER;  
ADDRESS; CORRESPOND; ADDRESS; ROUTE; DATABASE; TRANSMIT; RECEIVE;

#### MESSAGE

Derwent Class: T01; W01  
International Patent Class (Main): G06F-012/02  
International Patent Class (Additional): G06F-015/16  
File Segment: EPI



19/5/50 (Item 30 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013058570 \*\*Image available\*\*  
WPI Acc No: 2000-230438/200020  
XRPX Acc No: N00-173645

Electronic - mail transmitting controller for use in information  
communication network, develops alias to each mail address which are  
stored in address list, based on which, mail is transmitted to network

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU )  
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000049849	A	20000218	JP 98215235	A	1998073	200020 B

Priority Applications (No Type Date): JP 98215235 A 19980730

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000049849	A		6 H04L-012/54	

Abstract (Basic): JP 2000049849 A

NOVELTY - An expansion unit (6) refers mail alias set in file (5)  
and develops alias to each mail address which are stored in address  
list. A memory stores the developed alias of each mail address ,  
based on which mail is transmitted to network. A control unit (8)  
controls the flow of each data in the mail.

DETAILED DESCRIPTION - A receiver (1) receives electronic mail  
from a network, where header portion is analyzed by an analyzer (3).  
INDEPENDENT CLAIMS are also included for the following:

- (a) electronic mail delivery procedure;
- (b) software program for electronic - mail delivery

USE - In information communication network such as internet,  
computer.

ADVANTAGE - Enables transmitting party to send mail only to desired  
person using the existing alias , hence user 's burden is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows functional block  
diagram of E - mail transmitting controller.

Receiver (1)

Analyzer (3)

Control unit (8)

pp; 6 DwgNo 1/7

Title Terms: ELECTRONIC; MAIL; TRANSMIT; CONTROL; INFORMATION; COMMUNICATE;  
NETWORK; DEVELOP; MAIL; ADDRESS; STORAGE; ADDRESS; LIST; BASED; MAIL;  
TRANSMIT; NETWORK

Derwent Class: T01; W01

International Patent Class (Main): H04L-012/54

International Patent Class (Additional): G06F-013/00 ; H04L-012/58

File Segment: EPI

19/5/51 (Item 31 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012841103 \*\*Image available\*\*  
WPI Acc No: 2000-012935/200001  
XRPX Acc No: N00-010047

E - mail message delivering method  
Patent Assignee: AT & T CORP (AMTT )

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; ZELEZNIAK A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5987508	A	19991116	US 97910307	A	19970813	200001 B

Priority Applications (No Type Date): US 97910307 A 19970813

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5987508	A		11	G06F-013/00	

Abstract (Basic): US 5987508 A

NOVELTY - A message addressed to an alias e-mail address which consists of recipient's telephone number is transmitted to a translation server (110). The server then converts the alias e-mail address into actual e-mail address after which the message is transmitted to the recipient of that actual e-mail address. USE - For delivering e-mail message to intended recipient. ADVANTAGE - Communication is performed easily. DESCRIPTION OF DRAWING(S) - The figure shows the architecture of e-mail translation system.

Translation server (110)

pp; 11 DwgNo 1/4

Title Terms: MAIL; MESSAGE; DELIVER; METHOD

Derwent Class: T01

International Patent Class (Main): G06F-013/00

File Segment: EPI

19/5/52 (Item 32 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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012557734 \*\*Image available\*\*

WPI Acc No: 1999-363840/199931

XRPX Acc No: N99-271846

Electronic mail processing system in computer network - forwards entity file specified by alias file to receiver client based on response accessing demand to alias file from receiver

Patent Assignee: HITACHI CHUBU SOFTWARE KK (HITA-N); HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11136281	A	19990521	JP 97316586	A	19971031	199931 B

Priority Applications (No Type Date): JP 97316586 A 19971031

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11136281	A		8	H04L-012/54	

Abstract (Basic): JP 11136281 A

NOVELTY - An alias file (104) which contains pointer information of entity file is sent from transmitter client (100) and mail server (130) stores the alias file in mail box. Based on response for accessing demand to alias file from receiver client (140), the entity file specified by alias file (104) is down loaded from file control server (120) and is forwarded to client (140). DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for electronic mail processing

method.

USE - In computer network.

ADVANTAGE - Occupation of mail box in the mail server is small as the alias file is stored in the mail box, instead of entity file.

DESCRIPTION OF DRAWING(S) - The figure shows the general structure of E - mail processing system. (100) Transmitter client; (104) Alias file; (120) File control server; (130) Mail server; (140) Receiver client.

Dwg.1/4

Title Terms: ELECTRONIC; MAIL; PROCESS; SYSTEM; COMPUTER; NETWORK; FORWARD; ENTITY; FILE; SPECIFIED; FILE; RECEIVE; CLIENT; BASED; RESPOND; ACCESS; DEMAND; FILE; RECEIVE

Derwent Class: T01; W01

International Patent Class (Main): H04L-012/54

International Patent Class (Additional): G06F-013/00 ; H04L-012/58

File Segment: EPI

19/5/55 (Item 35 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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012187759 \*\*Image available\*\*

WPI Acc No: 1998-604672/199851

XRPX Acc No: N98-471560

Electronic - mail system through e.g. internet, communication network, personal computer communication system - uses comparison result between information in transmitting party and anonymity information as basis for returning sent mail or for making and sending information of transmitting party in anonymity state

Patent Assignee: HITACHI SOFTWARE ENG CO LTD (HISF )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10275119	A	19981013	JP 9778710	A	19970331	199851 B

Priority Applications (No Type Date): JP 9778710 A 19970331

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10275119	A			6 G06F-013/00	

Abstract (Basic): JP 10275119 A

The system performs the transmission and reception of an electronic mail between several workstations (1-3,5) in a communication network. Mail servers (4,6) for transmitting and receiving a predetermined mail between workstations with a communication medium, are connected to the communication network.

Each mail server registers and transmits the anonymity information corresponding to the transmitted mail, to a receiving party. The information of a transmitting party, which appends the mail, and the anonymity information are compared. The forwarded mail to the receiving party is returned back to the transmitting party when the information of the transmitting party is not in accord with the anonymity information, otherwise, the information of the transmitting party is made in anonymity and forwarded to the receiving party. ADVANTAGE - Maintains safety of receiving party and anonymity property of transmitting party. Prevents mischief of transmitting several electronic mails.

Dwg.1/5

Title Terms: ELECTRONIC; MAIL; SYSTEM; THROUGH; COMMUNICATE; NETWORK;

PERSON; COMPUTER; COMMUNICATE; SYSTEM; COMPARE; RESULT; INFORMATION;  
TRANSMIT; PARTY; INFORMATION; BASIS; RETURN; SEND; MAIL; SEND;  
INFORMATION; TRANSMIT; PARTY; STATE  
Derwent Class: T01; W01  
International Patent Class (Main): G06F-013/00  
International Patent Class (Additional): H04L-012/54; H04L-012/58  
File Segment: EPI

19/5/56 (Item 36 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
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012109908 \*\*Image available\*\*  
WPI Acc No: 1998-526820/199845  
XRPX Acc No: N98-411854

Information exchange apparatus for e.g. WWW server on internet - makes  
anonymity member to receive communication by E - mail so as to peruse  
relevant comment information that is entered and returned by public  
session member client

Patent Assignee: RECRUIT KK (RECR-N)  
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10232893	A	19980902	JP 9733969	A	19970218	199845 B

Priority Applications (No Type Date): JP 9733969 A 19970218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10232893	A		16	G06F-017/60	

Abstract (Basic): JP 10232893 A

The apparatus has a database which stores self explanation  
information transmitted by a public session member to offer search  
perusal by an anonymity member client. Another database stores self  
anonymity type explanation information transmitted by the anonymity  
member to offer search perusal by public session member client except  
the information specifying the name, address, communication destination  
of calling party.

The screen information for filling in a comment information is  
appended while sending anonymity information to public session member  
client. The comment information that is entered and returned by public  
session member client is received, and is stored in the database. An E  
- mail is sent to the relevant anonymity member addressee. The  
anonymity member who receives communication by the E - mail peruses  
the relevant comment information.

USE - For significant information exchange between applicant and  
job providing enterprises.

ADVANTAGE - Exchanges information legibly. Simplifies information  
exchange service.

Dwg.1/10

Title Terms: INFORMATION; EXCHANGE; APPARATUS; SERVE; MEMBER; RECEIVE;  
COMMUNICATE; MAIL; SO; RELEVANT; COMMENTARY; INFORMATION; ENTER; RETURN;  
PUBLIC; SESSION; MEMBER; CLIENT

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-013/00 ; G06F-017/30

File Segment: EPI

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